

Sound Acoustic Spectrum Analyzer

MODEL: TES-1358

Features

- Real-time 1/1-Octave and 1/3-Octave analysis.
- Large display with backlighting.
- Memory max. 12280 records of Lp data.
- Wide linearity range of 100dB.
- Real time clock with calendar
- RS-232 interface.



#135-TES-1358

GENERAL SPECIFICATIONS :

Applicable standards	IEC 60651 Type2, IEC 60804 Type2, BS EN 6065, 1994, IEC 1260-1995
Microphone	1/2-inch Electret condenser microphone
Accuracy	±(1.5dB (ref 94dB @ 1KHz)
Measurement range	30dB to 130dB
Measurement function	Lp , Leq , LE , Lmax , Lmin
Frequency range	25Hz ~ 10KHz
Frequency weighting	A ,C, Flat
Time weighting	Fast , Slow
Display	160x160 dot matrix display with back light Sound level meter display Numerical : 4 digits, up data cycle 0.5s, resolution 0.1dB Bar graph : Scale range 100dB , update cycle 0.125s Real time clock : Year, Month, Day, Hour, Minute, Second
1/1•1/3 Analyzer level range	5 ranges in 10-dB step, 20-90dB/ 30-100dB/ 40-110dB/ 50-120dB/60-130dB
1/1 Octave and 1/3 Octave band filters	1/1 Octave band center frequencies : (9 bands) 31.5Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, and 8KHz. 1/3 Octave band center frequencies : (27 bands) 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1KHz, 1.25KHz, 1.6KHz, 2KHz, 2.5KHz, 3.15KHz, 4KHz, 5KHz, 6.3KHz, 8KHz 10KHz.

Extension cable	Available in lengths of 5m (TL-F47/5M) and 10m(TL-F47/10M)
Memory capacity	12280 data (Sound level meter mode) 1024 data (1/1 or 1/3 oct. analysis)
Signal output	AC output : 2 Vrms (at full scale) DC output : 10mVDC / dB Serial interface : RS-232 , 9 pin D-sub
Power	4 pcs of C size 1.5V (LR14) batteries
External DC power supply	6V, 1A
Battery life	Approx. 2hrs
Operating Temperature/Humidity	0°C to 40°C , 10 to 80% RH
Dimensions & Weight	34.5(H) X 10(W) X 6(D) cm & Approx. 950g (including batteries)
Accessories	Instruction manual, Battery x 4, Carry case, Software, RS-232 cable, 9 Pin to 25 Pin gender changer, Adjustment screwdriver, wind shield, 3.5ø plug, AC/DC Adaptor.